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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/668,889	09/23/2003	Yohichi Hattori	JP920020087US1	3574

45544 7590 01/25/2007  
HOFFMAN, WARNICK & D'ALESSANDRO LLC  
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ALBANY, NY 12207

EXAMINER
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VU, KIEU D

ART UNIT	PAPER NUMBER
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2173

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/25/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/668,889

Applicant(s)

HATTORI ET AL.

Examiner

Kieu D. Vu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09-23-03.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. The information disclosure statement filed 10/20/03 fails to comply with 37 CFR 1.98(a)(3) because it does not include a concise explanation of the relevance, as it is presently understood by the individual designated in 37 CFR 1.56(c) most knowledgeable about the content of the information, of each document listed that is not in the English language. It has been placed in the application file, but the information referred to therein has not been considered.

Specifically, it is noted that there is no concise explanation of the relevance of "Lotus Notes....". As a result, these patents have not been considered.

### ***Claim Rejections - 35 USC § 101***

2. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 7-10 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter since the claims recited "program product" per se and do not positively recite that the program is stored on a tangible computer medium that can be read by a computer. As such, the claimed invention is not directed to a machine-readable medium or a manufacturer article.

### ***Claim Rejections - 35 USC § 112***

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 4, 6, 9, and 11-12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 4 recites the limitation " the range of the expansion " in line 3. There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "the manipulations" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "the display condition" in line 3. There is insufficient antecedent basis for this limitation in the claim.

Claim 9 recites the limitation " the range of the expansion " in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim 11 recites the limitation "said predetermined display device" in line 3. There is insufficient antecedent basis for this limitation in the claim.

Claim 11 recites the limitation "the number of display lines" in lines 7-8. There is insufficient antecedent basis for this limitation in the claim.

Claim 12 depends on claim 11 and is rejected for the same reason.

Claim 12 recites the limitation "the range of the expansion" in lines 3-4. There is insufficient antecedent basis for this limitation in the claim.

***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1-12 are rejected under 35 U.S.C. 102(b) as being anticipated by McNally (US 6,448,985).

Regarding claims 1 and 7, McNally teaches a text editing apparatus (line 66 of col. 8 to line 10 of col. 9) comprising: a document data controller for controlling a process for editing target document data read from a memory; and a document display controller for displaying a document (displaying desktop directory 121), on a predetermined display device (display 14) based on said document data read by said document data controller (see Fig. 1), wherein, for each section constituting said document data (each subdirectory constituting the directory 121), said document display controller controls a display area (see Fig. 3A), and in accordance with the size of said display area, displays part of said document in said section (part of the tree under subdirectory 217 is displayed in the region 201) (see Fig. 3A, col. 5, lines 41-64).

Regarding claim 2, McNally teaches when a part of said document for a predetermined section is displayed in a display area in the section, said document display controller provides a display that clearly indicates a portion of said display area has not yet been displayed (display area 201 has a scroll bar 203 and a slider 205 to indicate that a portion of subdirectory 217 has not yet been displayed) (col. 5, lines 52-58, col. 6, lines 48-52).

Regarding claims 3 and 8, McNally teaches at an arbitrary location in a display area for a section that is opened and displayed, said document display controller

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displays a command button for entering a command to close the display of said section (clicking on "-" icon would close the region 201, col. 6, lines 62-65).

Regarding claims 4 and 9, McNally teaches, for said display area for said section that has been opened and displayed, said document display controller displays a message stating said section has been opened and giving the range of the expansion ("-" icon of subdirectory 217 shows that the section has been opened and scroll bar 203 and slider 205 give the range of expansion) (col. 5, lines 47-63).

Regarding claims 5 and 10, McNally teaches a section navigator screen display controller for generating a section navigator screen visualizing the structure of said document data in that area read by said document data controller, and for displaying said section navigator screen on said display device (see Fig. 3A-Fig. 3B).

Regarding claim 6, McNally teaches, based on the manipulations performed for said section navigator screen, generated by said section navigator screen display controller, said document display controller changes the display condition for a section provided corresponding to an instruction for said currently displayed document (col. 5, lines 40-63).

Regarding claim 11, McNally teaches a display control method comprising the steps of: accepting an instruction for changing the size of a display area for a section constituting a document that currently is displayed on said predetermined display device; moving, in accordance with said instruction, a document segment located above or under said section (part of the tree under subdirectory 217 is displayed in the region 201) (see Fig. 3A, col. 5, lines 41-64); and displaying, in a display area for which

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the size has been changed by moving said document segment, a document segment for a section in accordance with the number of display lines that are available (col. 5, lines 52-58, col. 6, lines 48-52).

Regarding claim 12, McNally teaches, in said display area wherein said document segment for said section is, displayed, presenting a message stating that said section has been opened and giving the range of the expansion ("-" icon of subdirectory 217 shows that the section has been opened and scroll bar 203 and slider 205 give the range of expansion) (col. 5, lines 47-63).

8. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach arranging display area in editing documents which relates to the instant application.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kieu D. Vu. The examiner can normally be reached on Mon - Thu from 7:00AM to 3:00PM at 571-272-4057.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca, can be reached at 571-272-4048.

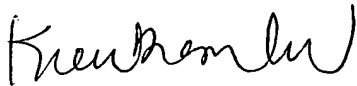
The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

571-273-8300

and / or:

571-273-4057 (use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper / amendment be faxed directly to them on occasions).

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kieu D. Vu

Primary Examiner